

Applicant: David S. Lawrence

Appl'n. No.: 10/589,029

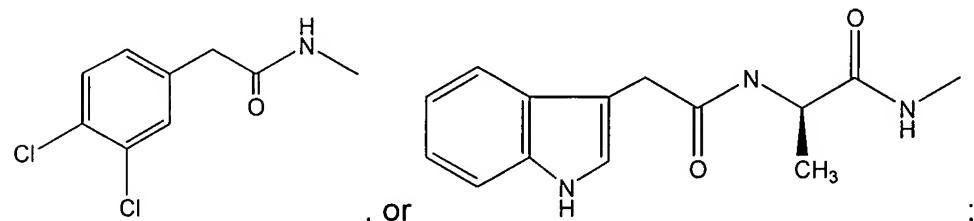
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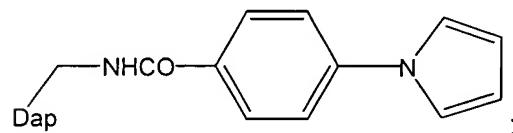
Amendments to the Claims:

Please cancel Claims 9, 19-22, 25, 28, 30, 55, 63, 64, 71, 76, 79, 80 and 93 without prejudice or disclaimer, and add new Claims 94-110 as set forth below.

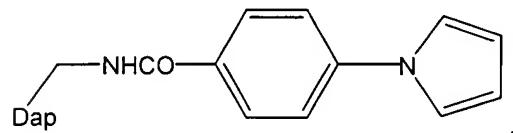
1 (original): An inhibitor of a protein kinase C $\alpha$  (PKC $\alpha$ ), the inhibitor comprising A-Ala-Arg-Arg-X-B-Hyd-C-D-, where A =AcHN-,



X=any amino acid or amino acid mimetic; B=Ala or a diaminopropionic acid (Dap) derivative having the formula



Hyd=Phe, Leu or Ile; C=Arg or Lys; and D=Ala or a Dap derivative having the formula



wherein any of the amino acids can alternatively be an analogous amino acid mimetic.

2-6 (canceled)

7 (original): The inhibitor of claim 1, wherein the PKC $\alpha$  is a human PKC $\alpha$ .

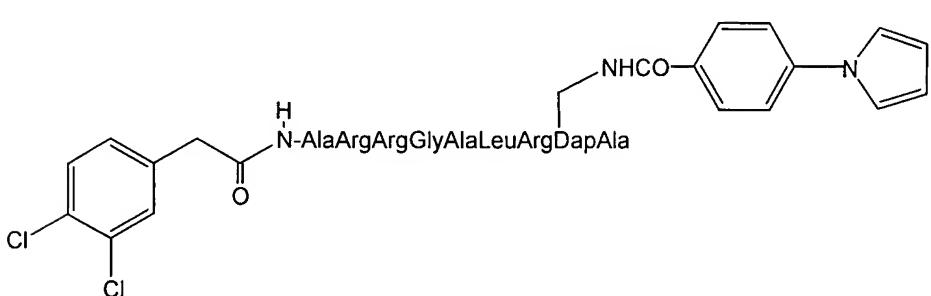
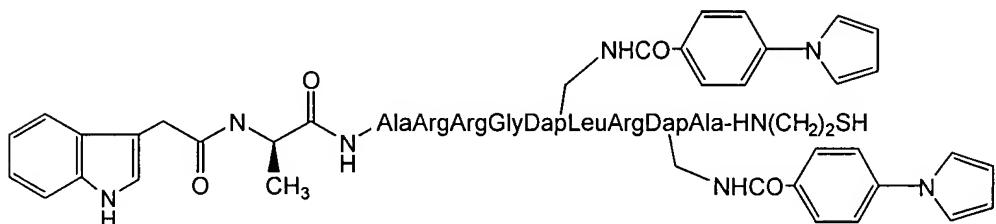
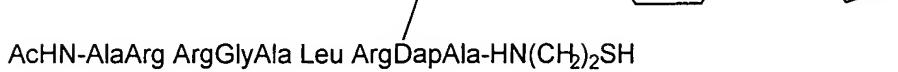
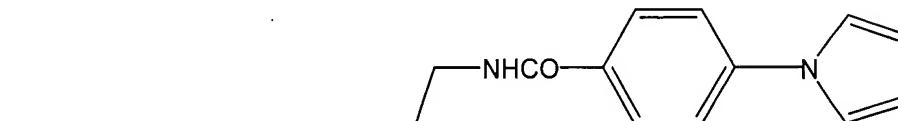
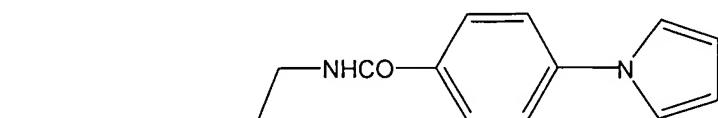
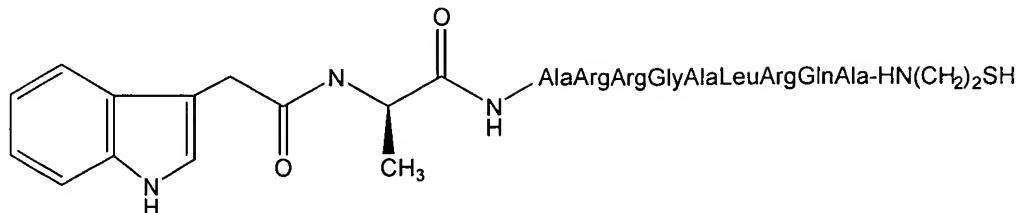
8 (previously presented): The inhibitor of claim 1, comprising

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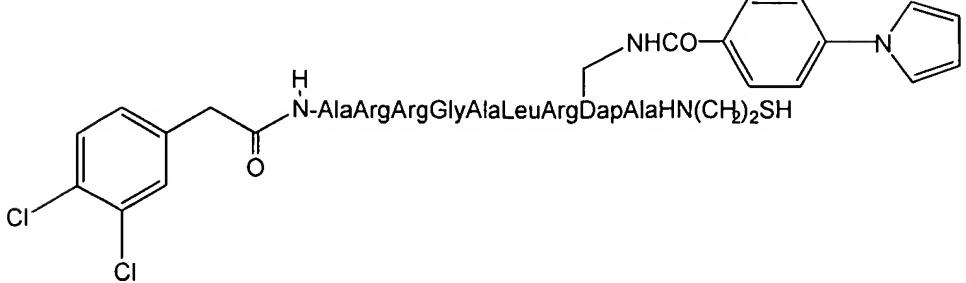
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, or



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9-93 (canceled)

94 (new): The inhibitor of claim 1, having an  $IC_{50} < 50 \mu\text{M}$  for the PKC $\alpha$ .

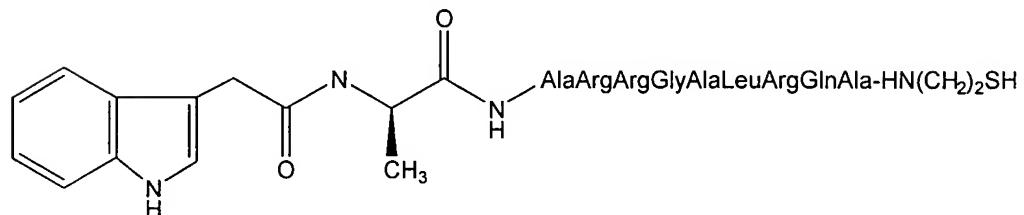
95 (new): The inhibitor of claim 1, having an  $IC_{50} < 10 \mu\text{M}$  for the PKC $\alpha$ .

96 (new): The inhibitor of claim 1, having an  $IC_{50} < 1 \mu\text{M}$  for the PKC $\alpha$ .

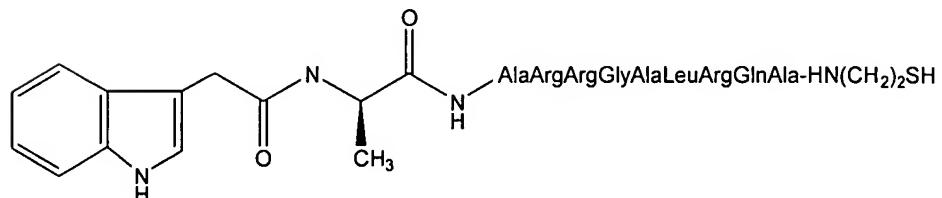
97 (new): The inhibitor of claim 1, wherein the inhibitor has an  $IC_{50}$  for the PKC $\alpha$   $< 0.1$  that of any other PKC isoform.

98 (new): The inhibitor of claim 1, wherein the inhibitor has an  $IC_{50}$  for the PKC $\alpha$   $< 0.01$  that of any other PKC isoform.

99 (new): The inhibitor of claim 1, comprising



100 (new): The inhibitor of claim 1, consisting of



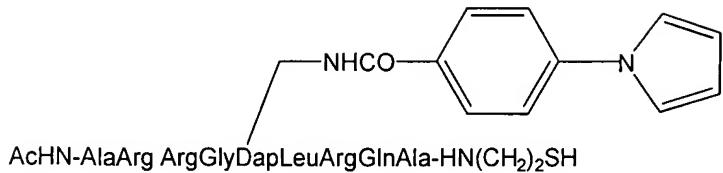
101(new): The inhibitor of claim 1, comprising

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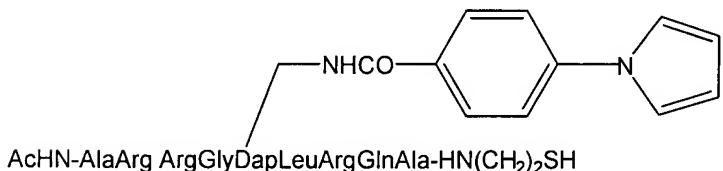
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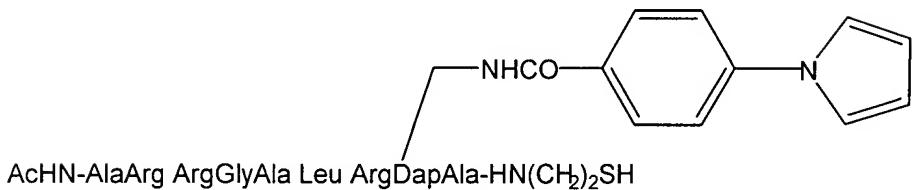
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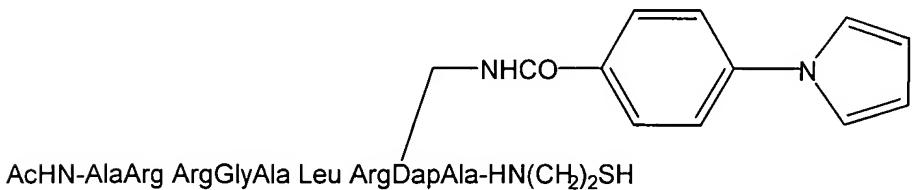
102 (new): The inhibitor of claim 1, consisting of



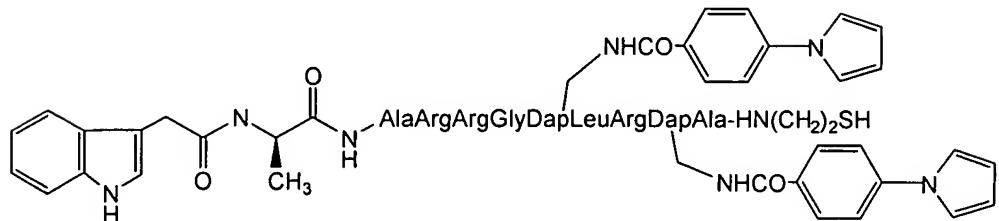
103 (new): The inhibitor of claim 1, comprising



104 (new): The inhibitor of claim 1, consisting of



105 (new): The inhibitor of claim 1, comprising



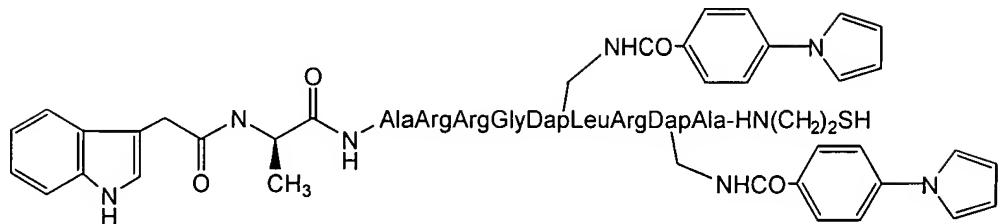
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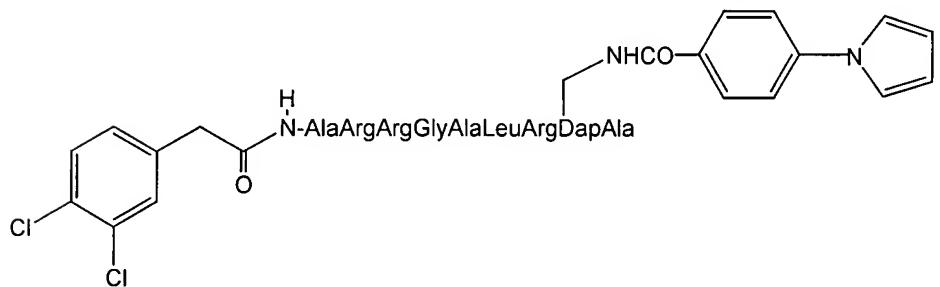
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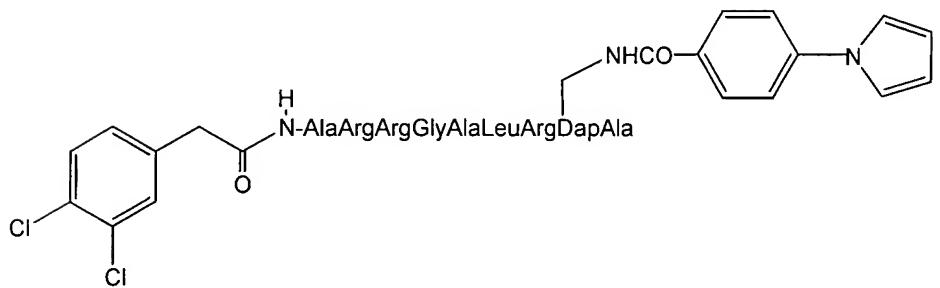
106 (new): The inhibitor of claim 1, consisting of



107 (new): The inhibitor of claim 1, comprising



108 (new): The inhibitor of claim 1, consisting of



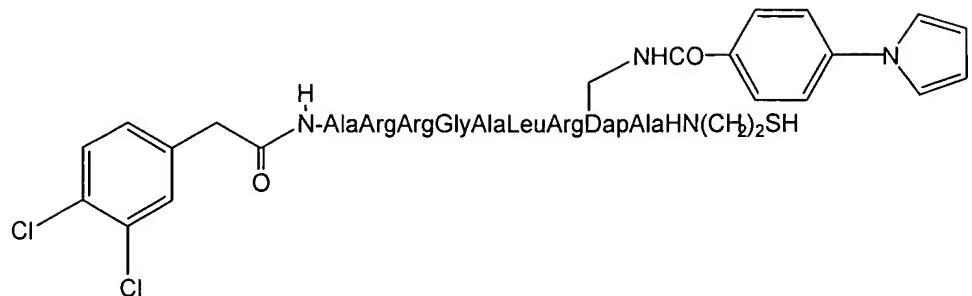
109 (new): The inhibitor of claim 1, comprising

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110 (new): The inhibitor of claim 1, consisting of

